

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,755,925 B1  
APPLICATION NO. : 10/047226  
DATED : June 29, 2004  
INVENTOR(S) : Paul W. Brown

Page 1 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 3, lines 9, 10, 11 " $3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}$ ;  $3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_3)_2 \cdot n\text{H}_2\text{O}$ ; and  $3\text{CaO} \cdot \text{Fe}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}$ " should read --  $3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}$ ;  $3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_3)_2 \cdot n\text{H}_2\text{O}$ ; and  $3\text{CaO} \cdot \text{Fe}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}$ --.

Col. 3, line 17 " $3\text{Me}(\text{II})\text{O} \cdot \text{R}_2\text{O}_3 \cdot \text{Me}(\text{II})(\text{anion})_2 \cdot n\text{H}_2\text{O}$ " should read -- $3\text{Me}(\text{II})\text{O} \cdot \text{R}_2\text{O}_3 \cdot \text{Me}(\text{II})(\text{anion})_2 \cdot n\text{H}_2\text{O}$ --.

Col. 3, line 22, " $\text{Me}(\text{II})\text{O} \cdot \text{R}_2\text{O}_3 \cdot \text{Me}(\text{II})(\text{anion})n\text{H}_2\text{O}$ " should read -- $\text{Me}(\text{II})\text{O} \cdot \text{R}_2\text{O}_3 \cdot \text{Me}(\text{II}) (\text{anion})n\text{H}_2\text{O}$ --.

Col. 4, line 1, " $\text{Fe}^{2+}$  to a  $\text{Fe}^{3+}$ " should read --" $\text{Fe}^{2+}$  to a  $\text{Fe}^{3+}$ --.

Col. 6, line 12 and 13, " $3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O} + 2\text{Cl}^- \rightarrow 3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{CaCl}_2 \cdot n\text{H}_2\text{O} + 2\text{NO}_2^-$ " should read -- $3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O} + 2\text{Cl}^- \Rightarrow 3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{CaCl}_2 \cdot n\text{H}_2\text{O} + 2\text{NO}_2^-$ --.

Col. 6, lines 15 and 21, " $3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}$ " should read -- $3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}$ --.

Col. 6, line 38 " $(3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O})$ " should read -- $(3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O})$ --.

Col. 6, line 41 " $3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{CaCl}_2 \cdot 1\text{OH}_2\text{O}$ " should read -- $3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{CaCl}_2 \cdot 1\text{OH}_2\text{O}$ --.

Col. 6, lines 51 and 52, " $3\text{CaO} \cdot \text{Fe}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O} + 2\text{Cl}^- \rightarrow 3\text{CaO} \cdot \text{Fe}_2\text{O}_3 \cdot \text{CaCl}_2 \cdot n\text{H}_2\text{O} + 2\text{NO}_2^-$ ", should read -- $3\text{CaO} \cdot \text{Fe}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O} + 2\text{Cl}^- \Rightarrow 3\text{CaO} \cdot \text{Fe}_2\text{O}_3 \cdot \text{CaCl}_2 \cdot n\text{H}_2\text{O} + 2\text{NO}_2^-$ --.

Col. 6, line 54, " $3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}$ ", should read -- $3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}$ --.

Col. 6, line 67, " $3\text{CaO} \cdot \text{Fe}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}$ ", should read -- $3\text{CaO} \cdot \text{Fe}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}$ --.

Col. 7, line 1, " $24; 3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_3)_2 \cdot n\text{H}_2\text{O}$  wherein  $n=0$  to 24; and  $3\text{CaO} \cdot \text{Fe}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_3)_2 \cdot n\text{H}_2\text{O}$  wherein  $n=0$  to 24.", should read -- $24;$   
 $3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_3)_2 \cdot n\text{H}_2\text{O}$  wherein  $n=0$  to 24; and  
 $3\text{CaO} \cdot \text{Fe}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_3)_2 \cdot n\text{H}_2\text{O}$  wherein  $n=0$  to 24.--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 7, line 3, "3Me (II) O.R<sub>2</sub>O<sub>3</sub>.Me(II)(anion)<sub>2</sub>.nH<sub>2</sub>O", should read  
--3Me(II)O • R<sub>2</sub>O<sub>3</sub> • Me(II)(anion)<sub>2</sub> • nH<sub>2</sub>O--.

Col. 7, lines 10-11, "3CaO.Fe<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>3</sub>)<sub>2</sub>.nH<sub>2</sub>O or (3CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O.", should read --3CaO • Fe<sub>2</sub>O<sub>3</sub> • Ca(NO<sub>3</sub>)<sub>2</sub> • nH<sub>2</sub>O or (3CaO • Al<sub>2</sub>O<sub>3</sub> • Ca(NO<sub>2</sub>)<sub>2</sub> • nH<sub>2</sub>O--.

Col. 7, line 13, "O.R<sub>2</sub>O<sub>3</sub>.Me(II)", should read, --O • R<sub>2</sub>O<sub>3</sub> • Me(II)--.

Col. 7, line 25 "3CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O", should read  
--3CaO • Al<sub>2</sub>O<sub>3</sub> • Ca(NO<sub>2</sub>)<sub>2</sub> • nH<sub>2</sub>O--.

Col. 7, line 25-26, "3CaO.Fe<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read  
--3CaO • Fe<sub>2</sub>O<sub>3</sub> • Ca(NO<sub>2</sub>)<sub>2</sub> • nH<sub>2</sub>O--.

Col. 8, line 1, "3CaO.Al<sub>2</sub>O<sub>3</sub>", should read --3CaO • Al<sub>2</sub>O<sub>3</sub>--.

Col. 8, line 1, "Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O", should read --Ca(NO<sub>2</sub>)<sub>2</sub> • nH<sub>2</sub>O--.

Col. 8, line 10, "CaO.Al<sub>2</sub>O<sub>3</sub>", should read -- CaO • Al<sub>2</sub>O<sub>3</sub>--.

Col. 8, line 19, "3CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>3</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read  
--3CaO • Al<sub>2</sub>O<sub>3</sub> • Ca(NO<sub>3</sub>)<sub>2</sub> • nH<sub>2</sub>O--.

Col. 8, line 23, "3CaO.Al<sub>2</sub>O<sub>3</sub>" should read --3CaO • Al<sub>2</sub>O<sub>3</sub>--.

Col. 8, line 37, "CaO.Al<sub>2</sub>O<sub>3</sub>" should read -- CaO • Al<sub>2</sub>O<sub>3</sub>--.

Col. 8, line 55, "3CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>3</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read  
--3CaO • Al<sub>2</sub>O<sub>3</sub> • Ca(NO<sub>3</sub>)<sub>2</sub> • nH<sub>2</sub>O--.

Col. 8, line 59, "3CaO.Fe<sub>2</sub>O<sub>3</sub>.CaCl<sub>2</sub>.nH<sub>2</sub>O" should read  
--3CaO • Fe<sub>2</sub>O<sub>3</sub> • CaCl<sub>2</sub> • nH<sub>2</sub>O--.

Col. 8, line 60-61 and 64, "3CaO.Fe<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read  
--3CaO • Fe<sub>2</sub>O<sub>3</sub> • Ca(NO<sub>2</sub>)<sub>2</sub> • nH<sub>2</sub>O--.

Col. 8, line 61 and 65, "3CaO.Fe<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>3</sub>)<sub>2</sub>.nH<sub>2</sub>O", should read --3CaO • Fe<sub>2</sub>O<sub>3</sub> • Ca(NO<sub>3</sub>)<sub>2</sub> • nH<sub>2</sub>O--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 8, line 63, "(3CaO.Al<sub>2</sub>O<sub>3</sub>.CaCl<sub>2</sub>.10H<sub>2</sub>O)" should read  
--(3CaO • Al<sub>2</sub>O<sub>3</sub> • CaCl<sub>2</sub> • 10H<sub>2</sub>O)--.

Col. 8, line 66, "2CaO.Fe<sub>2</sub>O<sub>3</sub>" should read --2CaO • Fe<sub>2</sub>O<sub>3</sub>--.

Col. 9, lines 1 and 4, "2CaO.Fe<sub>2</sub>O<sub>3</sub>" should read --2CaO • Fe<sub>2</sub>O<sub>3</sub>--.

Col 9, line 9, both instances "2CaO.Fe<sub>2</sub>O<sub>3</sub>" should read --2CaO • Fe<sub>2</sub>O<sub>3</sub>--.

Col. 9, line 13, "3CaO.Fe<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>3</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read  
--3CaO • Fe<sub>2</sub>O<sub>3</sub> • Ca(NO<sub>3</sub>)<sub>2</sub> • nH<sub>2</sub>O--.

Col. 9, line 16, "2CaO.Fe<sub>2</sub>O<sub>3</sub>" should read --2CaO • Fe<sub>2</sub>O<sub>3</sub>--.

Col. 9, line 21 and 22, "3Me(II)O.R<sub>2</sub>O<sub>3</sub>Me(II)(anion)<sub>2</sub>.nH<sub>2</sub>O" should read  
--3Me(II)O • R<sub>2</sub>O<sub>3</sub>Me(II)(anion)<sub>2</sub> • nH<sub>2</sub>O--.

Col. 9, line 41, "ther" should read --there- --.

Col. 10, line 54 and 55, "3CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read  
--3CaO • Al<sub>2</sub>O<sub>3</sub> • Ca(NO<sub>2</sub>)<sub>2</sub> • nH<sub>2</sub>O--.

Col. 10, line 64 and 65 "3CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>3</sub>)<sub>2</sub>.nH<sub>2</sub>O" should read  
--3CaO • Al<sub>2</sub>O<sub>3</sub> • Ca(NO<sub>3</sub>)<sub>2</sub> • nH<sub>2</sub>O--.

Col. 11, lines 56 and 57,  
"2NaAlO<sub>4</sub>+3Ca(OH)<sub>2</sub>+Ca(NO<sub>2</sub>)<sub>2</sub>→3CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O+2NaOH" should  
read --2NaAlO<sub>4</sub>+3Ca(OH)<sub>2</sub>+Ca(NO<sub>2</sub>)<sub>2</sub>→3CaO • Al<sub>2</sub>O<sub>3</sub> • Ca(NO<sub>2</sub>)<sub>2</sub> • nH<sub>2</sub>O+  
2NaOH--.

Col. 11, lines 61 and 62,  
"2NaAl<sub>2</sub>O<sub>4</sub>+4Ca(OH)<sub>2</sub>+2NaNO<sub>2</sub>→3CaO.Al<sub>2</sub>O<sub>3</sub>.Ca(NO<sub>2</sub>)<sub>2</sub>.nH<sub>2</sub>O+4NaOH" should  
read --2NaAl<sub>2</sub>O<sub>4</sub>+4Ca(OH)<sub>2</sub>+2NaNO<sub>2</sub>→3CaO • Al<sub>2</sub>O<sub>3</sub> • Ca(NO<sub>2</sub>)<sub>2</sub> • nH<sub>2</sub>O+  
4NaOH--.

Col. 12, line 9, "CaO.2Al<sub>2</sub>O<sub>3</sub> or CaO.6Al<sub>2</sub>O<sub>3</sub>" should read  
-- CaO • 2Al<sub>2</sub>O<sub>3</sub> or CaO • 6Al<sub>2</sub>O<sub>3</sub> --.

Col. 12, line 11, "AlO<sub>2</sub>" should read --AlO<sub>2</sub><sup>-</sup>--.

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Col. 12, line 19, " $(5\text{Al}_2\text{O}_3 \cdot \text{H}_2\text{O})$ " should read  $--(5\text{Al}_2\text{O}_3 \cdot \text{H}_2\text{O})--$ .

Col. 12, line 22, " $\text{CaO} \cdot \text{Al}_2\text{O}_3$ " should read  $--\text{CaO} \cdot \text{Al}_2\text{O}_3--$ .

Col. 12, line 23, " $3\text{CaO} \cdot \text{Al}_2\text{O}_3$ " should read  $--3\text{CaO} \cdot \text{Al}_2\text{O}_3--$ .

Col. 12, line 29, " $\text{CaO} \cdot \text{Al}_2\text{O}_3 + 3\text{Ca}(\text{OH})_2 + n\text{H}_2\text{O} \rightarrow 3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{OH})_2 \cdot n\text{H}_2\text{O}$ " should read  $--\text{CaO} \cdot \text{Al}_2\text{O}_3 + 3\text{Ca}(\text{OH})_2 + n\text{H}_2\text{O} \rightarrow 3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{OH})_2 \cdot n\text{H}_2\text{O}--$ .

Col. 12, lines 32 and 33, " $3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{Cl})_2 \cdot n\text{H}_2\text{O}$ " should read  $--3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{Cl})_2 \cdot n\text{H}_2\text{O}--$ .

Col. 12, line 59, " $3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}$ " should read  $--3\text{CaO} \cdot \text{Al}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}--$ .

Col. 13, line 48, "fiber" should read  $--further--$ .

Col. 14, lines 8, " $3\text{Me}(\text{II})\text{O} \cdot \text{R}_2\text{O}_3 \cdot \text{Me}(\text{II})(\text{anion})_2 \cdot n\text{H}_2\text{O}$ " should read  $--3\text{Me}(\text{II})\text{O} \cdot \text{R}_2\text{O}_3 \cdot \text{Me}(\text{II})(\text{anion})_2 \cdot n\text{H}_2\text{O}--$ .

Col. 14, line 9, " $3\text{ME}(\text{II})\text{O} \cdot \text{R}_2\text{O}_3 \cdot \text{Me}(\text{II})(\text{anion}) \cdot n\text{H}_2\text{O}$ " should read  $--3\text{ME}(\text{II})\text{O} \cdot \text{R}_2\text{O}_3 \cdot \text{Me}(\text{II})(\text{anion}) \cdot n\text{H}_2\text{O}--$ .

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Col. 14, line 57, " $3\text{CaO} \cdot \text{Fe}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}$ ; and  $3\text{CaO} \cdot \text{Fe}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_3)_2 \cdot n\text{H}_2\text{O}$ "  
should read,  $--3\text{CaO} \cdot \text{Fe}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_2)_2 \cdot n\text{H}_2\text{O}$  ; and  $3\text{CaO} \cdot \text{Fe}_2\text{O}_3 \cdot \text{Ca}(\text{NO}_3)_2 \cdot n\text{H}_2\text{O}--$ .

Signed and Sealed this

Eleventh Day of September, 2007



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*